

Claims

1. A building door (1), that can move, made up of  
5 several panels (5) guided along at least one  
curvilinear guide rail (4) in such a way that these  
panels remain at least approximately parallel to the  
rail and articulated to one another about axes of  
10 pivoting (10) parallel to their longitudinal edges by  
virtue of pivot elements (9), characterized in that the  
panels (5) are equipped at their longitudinal edges  
with complementary male and female anti-trapping  
profiles, in that the axes (10) of pivoting of the  
15 pivot elements (9) are at least approximately coplanar  
with the interior walls (6) of the panels (5) which  
they articulate, and in that the pivot elements (9) are  
connected to the transverse edges of the panels (5).

2. The door (1) as claimed in claim 1, characterized  
20 in that guide devices (12, 18, 19) intended to  
collaborate with the curvilinear guide rail or rails  
(4) are in a pivot connection with the pivot elements  
in such a way that, in the rectilinear portions of the  
rails, the rails (5) are at least approximately located  
25 within the thickness of the panels.

3. The door (1) as claimed in one of the preceding  
claims, characterized in that the pivot elements (9)  
comprise a first part (9a) known as the male part  
30 secured to a transverse edge first panel (5),  
exhibiting a shaft (15) the axis of which defines the  
axis of pivoting (10) and a second part (9b) known as a  
female part, secured to the transverse edge of a second  
panel (5) exhibiting a drilling (16) that takes the  
35 shaft (15).

4. The door (1) as claimed in one of the preceding  
claims, characterized in that the male (9a) and female

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(9b) parts of pivot elements (10) connected to one and the same panel edge form a single piece.

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